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SK 3332.540

TopTherm wall-mounted cooling unit Blue e

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FRIEDHELM LOH GROUP



SK 3332.540 - TopTherm wall-mounted cooling unit Blue e 0.3 - 4 kW

Energy-efficient Blue e wall-mounted cooling units in the output categories 300 W to 4000 W and with integral electrical condensate evaporator (from 1000 W). Available in the special formats "horizontal" and "flat".

Features

Model No.	SK 3332.540
Design	wall-mounted
Product description	Energy-efficient Blue e wall-mounted cooling units in the output categories 300 W to 4000 W and with integral electrical condensate evaporator (from 1000 W).
Benefits	May be linked to the IoT interface via Blue e IoT adaptor for cooling units from 500 W cooling output with e-Comfort controller
Product modification	The unit will be available with R134a refrigerant until 31 December 2026. From 1 January 2025, the unit will no longer meet the GWP requirements for the US market. As an alternative, we recommend the use of a Blue e+ cooling unit.
Material	Sheet steel
Colour	RAL 7035
Supply includes	Condenser with hydrophobic RiNano coating Fully wired ready for connection (plug-in terminal strip) Drilling template Assembly parts Integral electric condensate evaporation
Total cooling output to DIN EN 14511	Cooling output L35 L35/50 Hz: 3.95 kW Cooling output L35 L35/60 Hz: 4.35 kW Cooling output L35 L50/50 Hz: 3.02 kW Cooling output L35 L50/60 Hz: 3.52 kW
Rated operating voltage	400 V, 3~, 50 Hz 460 V, 3~, 60 Hz
Note on Model No.	Full installation not possible

Features

Rated current max.	At 50 Hz: 4.2 A At 60 Hz: 4.2 A
Start-up current max.	At 50 Hz: 9.2 A At 60 Hz: 11 A
Air throughput (unimpeded air flow)	External circuit: 2,000 m ³ /h Internal circuit: 1,500 m ³ /h
Energy efficiency ratio (EER) 50/60 Hz L35 L35	Refrigeration factor L35 L35 (EER) 50 Hz: 2.47 Refrigeration factor L35 L35 (EER) 60 Hz: 2.18
Design	wall-mounted
Dimensions	Width: 500 mm Height: 1,580 mm Depth: 340 mm
Protection category to IEC 60 529	External circuit IP 34 Internal circuit IP 54
Protection category NEMA	UL Type 12
Refrigerant/cooling medium	Refrigerant: R134a Quantity: 2.995 kg Global Warming Potential (GWP): 1,430 CO ₂ equivalent (CO ₂ e): 4.28 t
Temperature control	e-Comfort controller (factory setting +35 °C)
Operating temperature range	10 °C...55 °C
Storage temperature range	-40 °C...70 °C
Setting range	20 °C...55 °C
Power consumption Pel	Power consumption L35 L35/50 Hz: 1.6 kW Power consumption L35 L35/60 Hz: 2 kW Power consumption L35 L50/50 Hz: 1.87 kW Power consumption L35 L50/60 Hz: 2.34 kW
Permissible operating pressure (p. max.)	28 bar
Pre-fuse	Motor circuit-breaker: 6.3...10 A
Packs of	1 pc(s).
Net weight	94.5 kg

Features

Gross weight	104 kg
Customs tariff number	84158200
ETIM 9	EC000855
ETIM 8	EC000855
ECLASS 8.0	27180704
Product description	SK cooling unit Blue e, wall-mounted, 3.95 kW, 400-460 V, 3~, 50/60 Hz, Sheet steel, WHD: 500 x 1580 x 340 mm

Approvals

Approvals	30 - KC Korea UL + C-UL - FTFA UR + C-UR (recognized)
Explanations	Manufacturer's declaration Declaration of conformity Declaration of conformity - F-gas regulation Declaration of conformity UK

Tender text

TopTherm wall-mounted cooling units Blue e
Energy-efficient Blue e wall-mounted cooling units
with e-comfort controller integrated as standard,
electrical condensate evaporation
and hydrophobic RiNano coating on the condenser.

Total cooling output:

L 35 L 35 at 50 Hz: 3.95 kW

L 35 L 35 at 60 Hz: 4.35 kW

L 35 L 50 at 50 Hz: 3.02 kW

L 35 L 50 at 60 Hz: 3.52 kW

Power consumption:

L 35 L 35 at 50 Hz: 1.6 kW

L 35 L 35 at 60 Hz: 2 kW

L 35 L 50 at 50 Hz: 1.87 kW

L 35 L 50 at 60 Hz: 2.34 kW

Air throughput of fans unimpeded airflow external:
2000 m³/h

Air throughput of fans unimpeded airflow internal:
1500 m³/h

Energy efficiency ratio EER: 2.47

Rated operating voltage: 400/460 V, 50/60 Hz

Dimensions [W x H x D]: 500 x 1580 x 340 mm

Refrigerant: R134a

Temperature control: e-Comfort controller (factory
setting +35°C)

Ambient temperature range: 10°C to 55°C

Setting range: 20°C to 55°C

Protection category to IEC 60 529: External circuit IP
34

Protection category to IEC 60 529: Internal circuit IP
54

Weight: 91 kg

Material: Sheet steel

Colour: RAL 7035